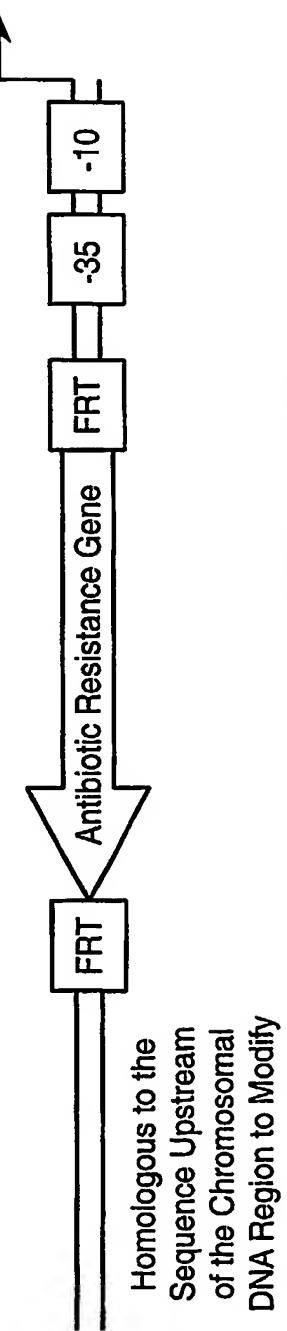
**FIG. 1A****FIG. 1B**

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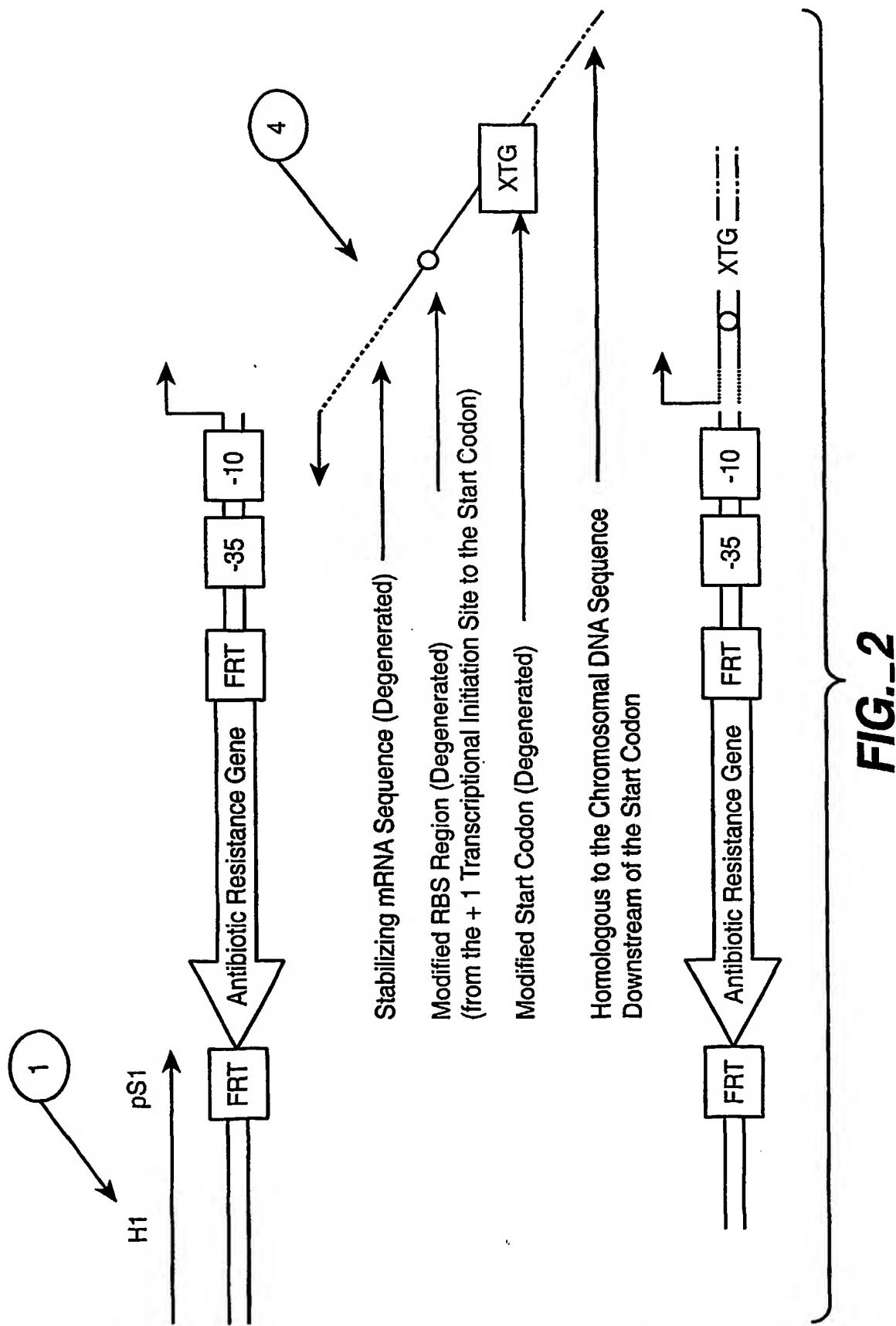
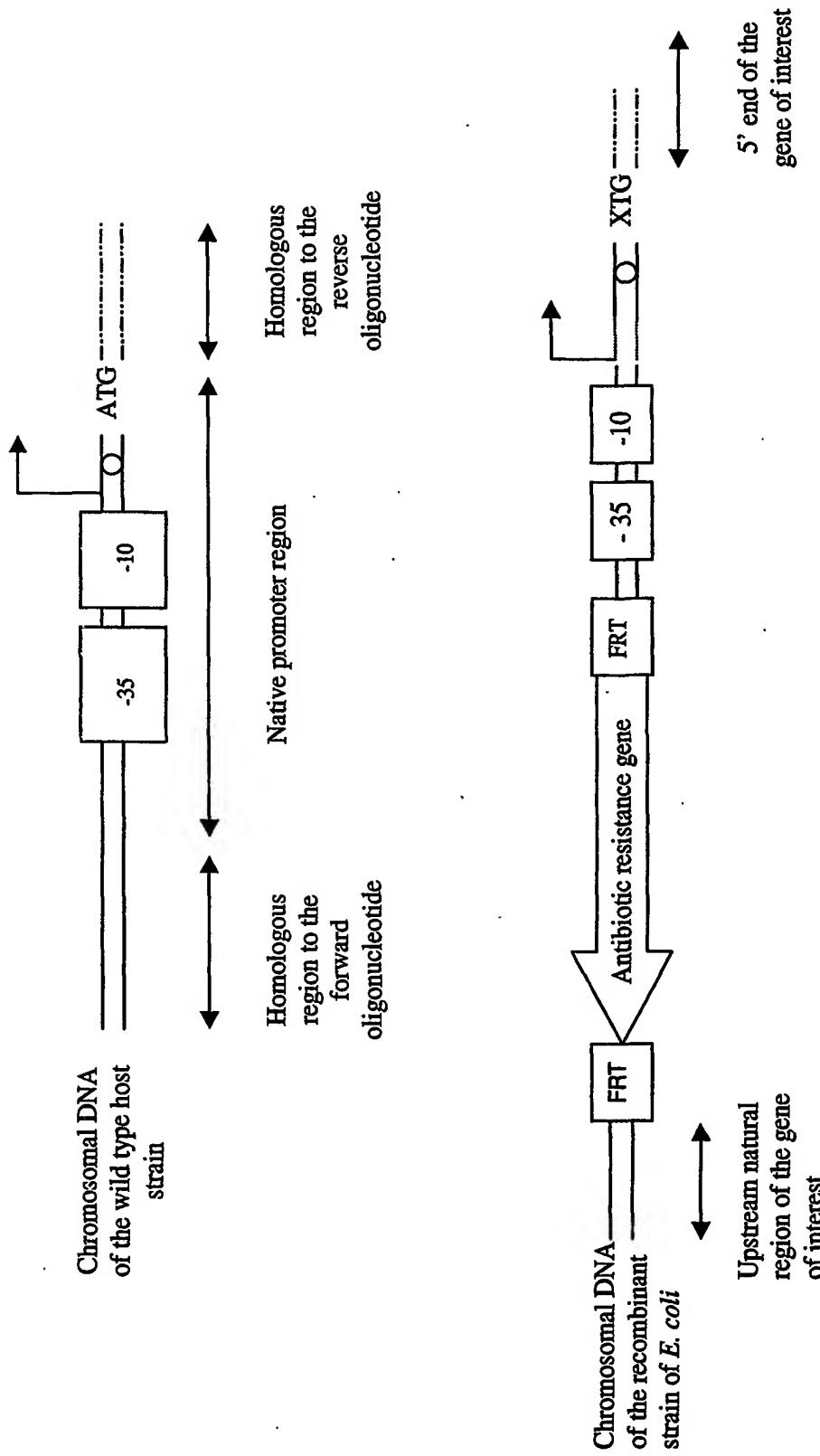
**FIG. 2**

FIGURE 3



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FIGURE 4

		-50	-7	+1	+20	
PH/E20	ACTGCAAAATAGT TTGACA CCCTAGCCATAGGCTT TACCAT		GTACCC <u>AGT</u> TGGATGAGGGATAAC			(SEQ ID NO. 3)
PH207	TTTAAAAATTCAATTCGA AACGCTTCMAATTCTCG TATAAT ATACTTCATAAATTGATAAACAAAA					(SEQ ID NO. 4)
PN25	TGATAAAAATTAT TGCTT TCAGGAAATTTCCTG TATAAT AGATTCA <u>TAATTGAGAGGAGTT</u>					(SEQ ID NO. 5)
PG25	TGAAAATAAAATTCTGATA AAATTTC <u>CAAT</u> ACTAT TATAAT ATTGT <u>TATAAAGAGGAGAAATTAAAC</u>					(SEQ ID NO. 6)
PJ5	ATATAAAAACCGTTA TTGACA CAGGTGGAAATTAGAA TATACT GTTAGTAA <u>ACCTAATGGATCGACCTT</u>					(SEQ ID NO. 7)
PA1	TTATCAAAAGACTA TTGACT TAAAGTCTAACCTATAG GATACT TACAGCC <u>ATCGAGGGACACCGCGA</u>					(SEQ ID NO. 8)
PA2	CACGAAAAACAGGTA TTGACA ACATGAAGTAACATGCC <u>AGT</u> AAT ACATA <u>TCGCTAGGTACACTAGACGC</u>					(SEQ ID NO. 9)
PA3	GGTGAACAA <u>ACGG</u> TTGACA CACTGAAGTAA <u>ACACGG</u> TACCAT GTACCAC <u>ATGAAACGACAGTGAGTCA</u>					(SEQ ID NO. 10)
PL	TTATCTCGCGGTG TTGACA TAAATACCA <u>CTGGCGT</u> GATACT GAGCAC <u>ATCAGCAGGACACTGACC</u>					(SEQ ID NO. 11)
Plac	TTAGGCACCC <u>AGGC</u> TTGACA CTTATGCTTCGGCT <u>GGTATGTT</u> GTG <u>TCGAATTGTGAGGGATAACAAT</u>					(SEQ ID NO. 1)
PlacUV5	CTAGGCACCC <u>AGGC</u> TTGACA CTTATGCTTCGGCT <u>GGTATGTT</u> GTG <u>TCGAATTGTGAGGGATAACAAT</u>					(SEQ ID NO. 12)
Ptaci	TCTGAAT <u>TCAGCTG</u> TTGACA ATTAATCATCGGCTCG TATAAT GTG <u>TCGAATTGTGAGGGATAACAAT</u>					(SEQ ID NO. 2)
Pcon	ATTCA <u>CCGTCTGTG</u> TTGACA TTTTA <u>AGCTGGCGT</u> TATAAT GGTAC <u>CCATAAGGAGGTGGATCCGGCA</u>					(SEQ ID NO. 13)
Pb1s	TTTTTCAAA <u>ATACA</u> TTGACA TATGTA <u>TCGGCTCATGA</u> GACAT ACCCT <u>GATAAATGCTCATATAAT</u>					(SEQ ID NO. 14)

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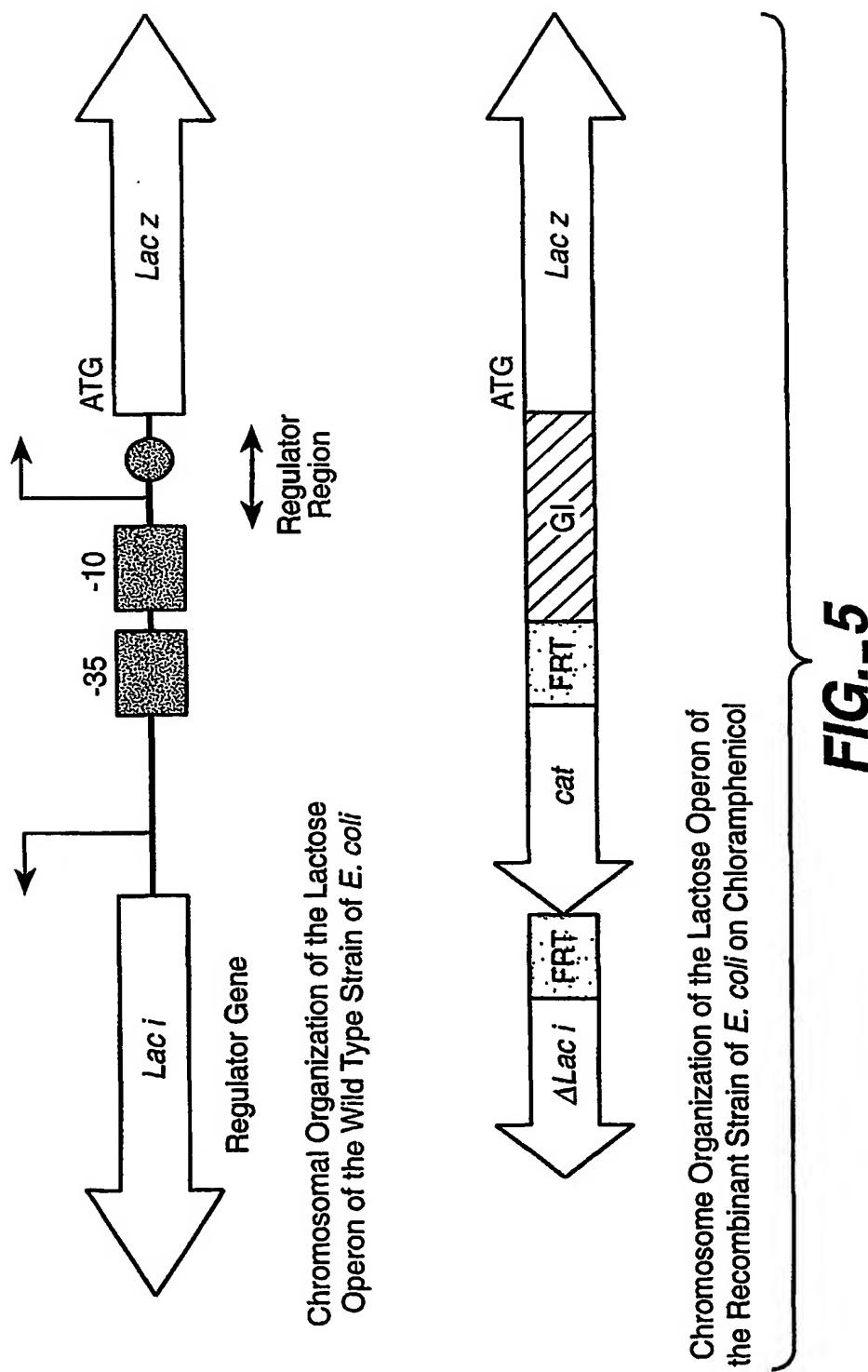


FIGURE 6

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pLAC (SEQ ID NO. 18)
AGGC TTACACTTTATGCTTCCGGCTCG TATGTT GTGTGGA ATTGTGAGCGGATAACAATTTCACACAGGAAACAGCT ATGACC
-35 RBS Start

Gl 1.6 lacZ (SEQ ID NO. 19)

GCCC TTGACA ATGCCACATCCTGAGCA ATAAT TCAACCACT AATTGTGAGCGGATAACAATTTCACACAGGAAACAGCT ATGACC
-35 RBS start

Gl 1.6 (SEQ ID NO. 15)

GCCC TTGACA ATGCCACATCCTGAGCA ATAAT TCAACCACT ATTGTGAGCGGATAACA

Gl 1.5 lacZ (SEQ ID NO. 20)

GCCC TTGACT ATGCCACATCCTGAGCA AATAAT TCAACCACT AATTGTGAGCGGATAACAATTTCACACAGGAAACAGCT ATGACC
-35 RBS start

Gl 1.5 SEQ ID NO. 16

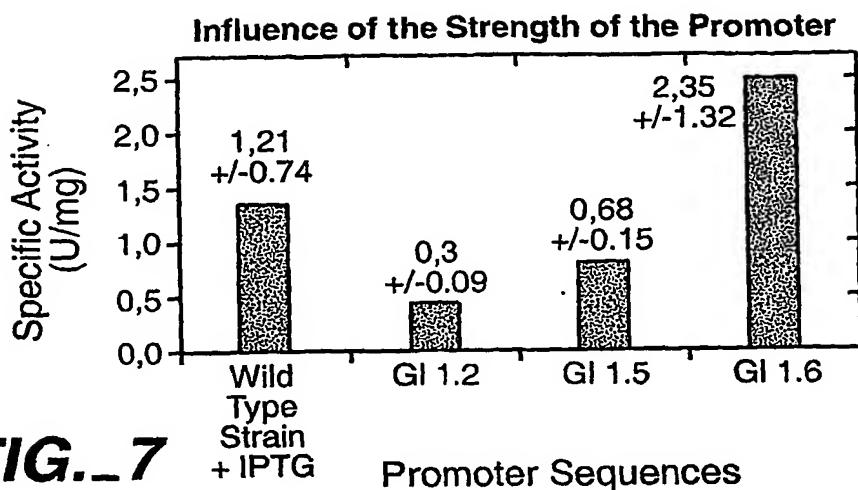
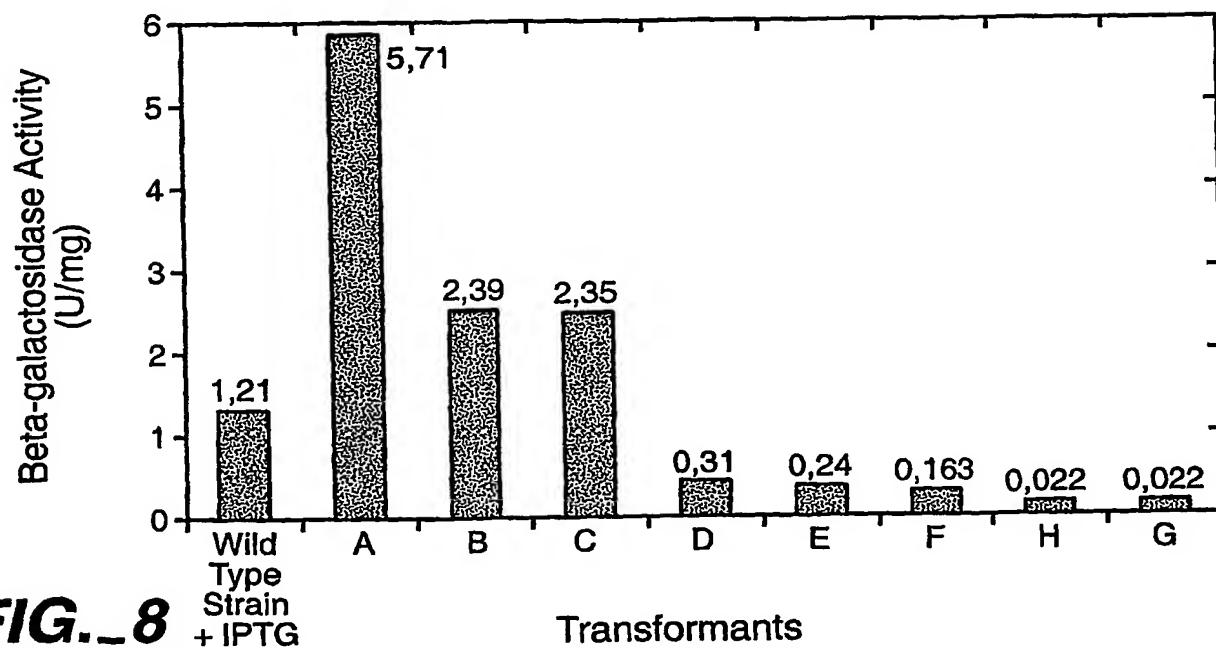
GCCC TTGACT ATGCCACATCCTGAGCA ATAAT TCAACCACT ATTGTGAGCGGATAACA

Gl 1.20 Gl lacZ (SEQ ID NO. 21)

GCCC TTGACG ATGCCACATCCTGAGCA AATAAT TCAACCACT AATTGTGAGCGGATAACAATTTCACACAGGAAACAGCT ATGACC
-35 RBS start

Gl 1.2 (SEQ ID NO. 17)

GCCC TTGACG ATGCCACATCCTGAGCA ATAAT TCAACCACT ATTGTGAGCGGATAACA

**FIG.-7****FIG.-8**

Transformants	Stabilizing Sequence	RBS Sequence	Specific Activity (U/mg)
mLac RNA 1	GGTCGAG	AAGGAGGAAA	5.71
mLac RNA 2	GGTGGAG	AAGGAGGAAA	11.04
mLac RNA 3	CCTCGAG	AAGGAGGAAA	18.44
mLac RNA 4	GGTGGAC	AAGGAGGAAA	7.3
mLac RNA 5	GCTGGAC	AAGGAGGAAA	4.11
Wild-type Strain +IPTG	NO	AGGAAA	1.21

FIG.-9